ABSTRACT

[Object]

    To provide a system capable of performing optimum job scheduling in respect of the types and utilization of computers as well as the types of jobs, and readily accommodating changes to the system configuration, in a grid computing system.

[Constitution]

    A center server 100 which requests process servers on a grid computing network to execute jobs includes a scheduler section 110 which assigns a job to be executed to a process server and issues a job execution request, and a PS agent section 120 which manages information about the process servers 200, receives a request issued by the scheduler section 110, and sends the request to the process server 200 to which the requested job has been assigned, depending on the operating status and access type of the process server 200.